

ABSTRACT OF THE DISCLOSURE**METHOD FOR DISTRIBUTING AND GEOGRAPHICALLY LOAD
BALANCING LOCATION AWARE COMMUNICATION DEVICE CLIENT-
PROXY APPLICATIONS**

[0092] A method and system for balancing server work load for cellular phone client-proxy applications in an environment where the clients change position within a given geographic area is disclosed. The method comprises the steps of mapping, monitoring, automatically re-mapping the system when required, updating a map address book, and updating a client address book. The system has a mapping system and a communication system connected to a plurality of servers, proxy servers and applications by an internal network. The proxy servers are connected to a plurality of clients by the Internet. If a threshold is exceeded, the monitoring program sends a message to a mapping program. Upon receipt of the message, the mapping program uses a rules engine to calculate a new map graph to remove load from an overloaded server (or servers) and to adjust communication requirements for data by reconfiguring partitions.